



AVOX Systems

803240 Series Portable Oxygen Unit



The AVOX Systems 803240 Series Portable Oxygen Unit provides a safe, convenient way to administer oxygen to passengers on commercial air carriers or air ambulance flights.

Two constant flow outlets provide a choice of 2 lpm or 4 lpm STPD flow of Aviator's Breathing Oxygen.

Stored conveniently in a sturdy ABS plastic case are two masks with 84" hoses and quick disconnect fittings, plus a 38.4 cubic foot (1086 liter) steel cylinder or a 40 cubic foot (1132 liter) composite cylinder. The full opening door provides access to control knobs and instructions, and the cylinder removes easily for recharging.

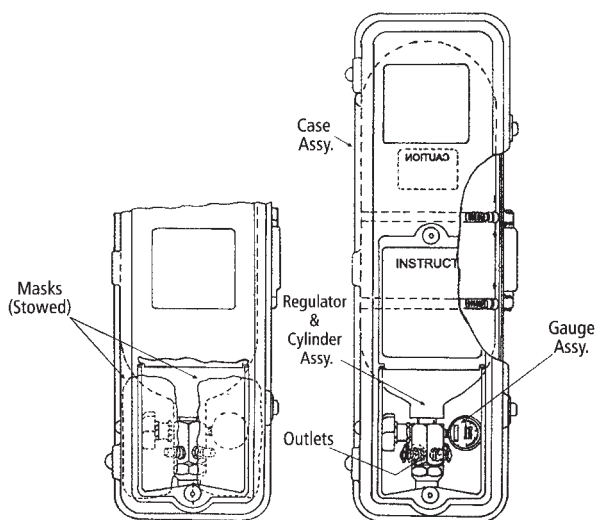
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Outstanding Features

- Due to "portable" designation, aircraft weight and balance factors are not affected
- 6.5 hours duration at 2 lpm flow – 3.5 hours at 4 lpm
- Weight of unit with steel cylinder is 26 lbs. (11.8 kg); with composite cylinder, 20 lbs. (9.29 kg)
- Handsome ABS plastic carrying case in textured green



Specifications

Portable Type:	Gaseous Aviator's Breathing Oxygen per MIL-PRF-27210, Type 1
Cylinder Capacity:	Steel 38.4 cu. ft. (1086 liters) @ 1800 psi Composite 40 cu. ft. (1132 liters) @ 1850 psi
Cylinder Type:	DOT3AA1800 (steel) DOT-E8162 1850 (composite)
Duration:	6.5 hr @ 2 lpm @ 1850 psig 3.5 hr @ 4 lpm @ 1850 psig
Outlets:	One 2 lpm; one 4 lpm
Masks:	Two (2) adult size Hudson Medical Type, stored in case
Regulator:	Brass body; incorporates latest in safety features
Case:	Green textured ABS plastic meets self-extinguishing requirements of FAR 25.853; side mounted carrying handle
Exterior Dimensions:	25 1/2 in. long x 7 15/16 in. wide x 7 3/8 in. high (638.175 mm x 201.612 mm x 187.62 mm)
Weight:	26 lbs. max (11.8 kg max) steel 20 lbs. max (9.29 kg max) composite
Operating Instructions:	Door-mounted, easy to read
Refill Adapter:	Standard airline-type, AVOX Systems P/N 5020-01 (Optional Accessory)

Complies with FAR 121.574, where applicable

Ordering Instructions

AVOX P/N	Cylinder Material	Cylinder Capacity	Outlet Style	Mask Included	Special Features
803240-02	Composite	40 cu. ft. (1132 liters)	AN (5009)	Yes	Gauge has 0-250 psi indication label Gauge has 0-250 psi indication label
803240-03	Steel	38.4 cu. ft. (1086 liters)	AN (5009)	Yes	
803240-04	Composite	40 cu. ft. (1132 liters)	AN (5009)	Yes	
803240-05	Steel	38.4 cu. ft. (1086 liters)	AN (5009)	Yes	
803240-10	Steel	38.4 cu. ft. (1086 liters)	Puritan (5007)	No	

Replacement Parts

Description	Part Number	Portable Used On
Cylinder and Regulator Assy.	803342-01	-02, -04 only
Cylinder and Regulator Assy.	5500-Q6X-BF10A	-03 only
Cylinder and Regulator Assy.	803675-01	-05 only
Cylinder and Regulator Assy.	803675-03	-10 only
Case Assy. (Green)	803929-03	all
Mask Assy.	803269-01	-02, -03, -04, -05

WARNING

IMPROPER USE OR IMPROPER MAINTENANCE OF THIS EQUIPMENT MAY RESULT IN SERIOUS INJURY OR DEATH.

THIS EQUIPMENT IS INTENDED TO BE USED ONLY FOR AVIATION APPLICATIONS AND IS TO BE USED ONLY BY, OR UNDER THE SUPERVISION OF, A PILOT OR CREW MEMBER TRAINED AND QUALIFIED IN ITS USE.

THIS EQUIPMENT IS TO BE SERVICED ONLY IN ACCORDANCE WITH THE APPLICABLE COMPONENT MAINTENANCE MANUAL AVAILABLE FROM

AVOX SYSTEMS AND ONLY BY SERVICE TECHNICIANS TRAINED IN THE INHERENT HAZARDS OF HIGH PRESSURE AVIATION OXYGEN AND KNOWLEDGEABLE IN THIS EQUIPMENT. THE NAMES OF AUTHORIZED SERVICE CENTERS ARE AVAILABLE FROM AVOX SYSTEMS OR YOUR AUTHORIZED AVOX SYSTEMS DISTRIBUTOR.

THIS EQUIPMENT IS TO BE USED ONLY WITH AVIATOR'S BREATHING OXYGEN MEETING THE REQUIREMENTS OF MIL-PRF-27210.